

# California OES Weather Threat Briefing

Thursday, December 9, 2021  
9:00 AM PST

**Day 1 (Thursday):** Periods of rain and Sierra snow will continue through tonight, mainly along and south of Interstate 80. Travel impacts are expected in the Sierra with up to 12" of new snow falling today, particularly across the central Sierra. Strong and gusty winds of 40-60 mph will also be noted across the southern Sierra and southern California mountains through late evening.

National Weather Service

*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



# **WEATHER KEY POINTS**

**12/09/21 - 12/15/21**

## **Thursday-Wednesday**

- Periods of rain and higher Sierra snow are expected through Thursday night, especially south of Interstate 80, with up to 12" of new snow across the central Sierra and lighter amounts for the northern and southern Sierra.
  - Snow levels will range from around 2,500 feet over far northern California to either side of 4,500 feet across the northern and central Sierra.
  - No widespread significant impacts are expected from this precipitation as much of it will be beneficial.
  - Gusty winds of 35 to 55 mph are expected at times across the Sierra and southern California mountains through Thursday evening.
- A significant weather system is likely for much of the state by late in the weekend and into the middle of next week, with persistent rounds of rain, mountain snow, and gusty winds.
  - Snow levels will lower considerably through early next week, even into southern California.
  - Heavy rain and snow look likely for Northern California, with one to three inches of rain possible in the valleys of Northern California and several feet of snow possible in the Sierras during this event.
  - Rain will also reach Southern California, with up to one and a half inches of rain possible across coastal Southern California. Any snow accumulation across Southern California mountains should be light.
  - The heavy rain and snow will raise the threat for flash flooding, river flooding, mudslides/debris flows, and travel hazards across the region.



# CALIFORNIA WEATHER IMPACTS

12/09/21 - 12/15/21

<u>Hazards / Day</u>	THU	FRI	SAT	SUN	MON	TUE	WED
<b>Non-Thunderstorm Damaging Winds</b>	Inland/ Southern		Coastal/ Inland	Inland	Inland	Inland/ Southern	
<b>Snow</b>	Inland (Sierra)			Coastal/ Inland	Inland	Inland	Coastal/ Inland
<b>Coastal Flooding</b>							
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)							
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)							
<b>Heat Risk</b>							
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>					Coastal	Southern	
<b>Cold</b>							



No Impacts



Minimal Impacts



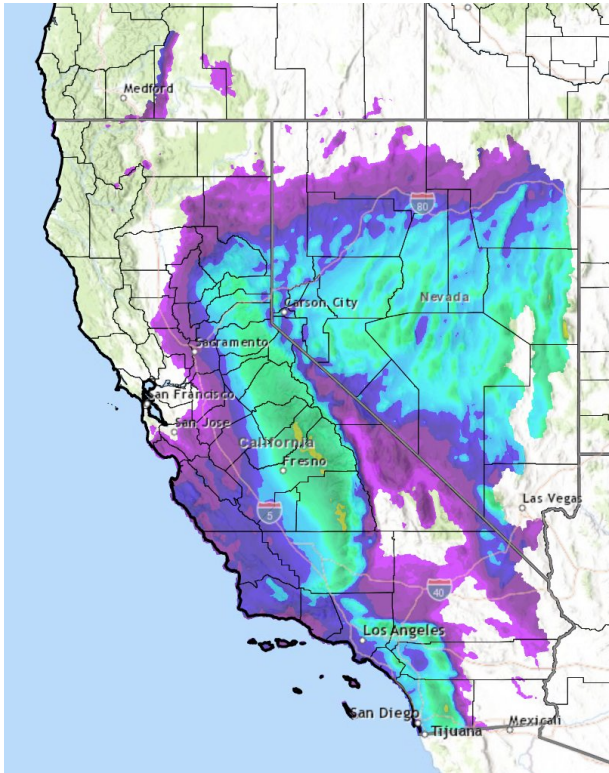
Moderate Impacts



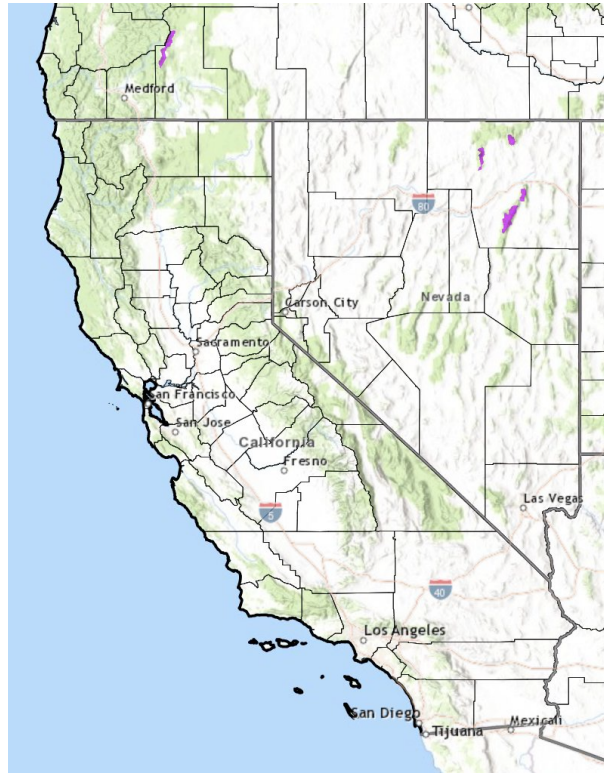
Severe Impacts

# PRECIPITATION FORECAST

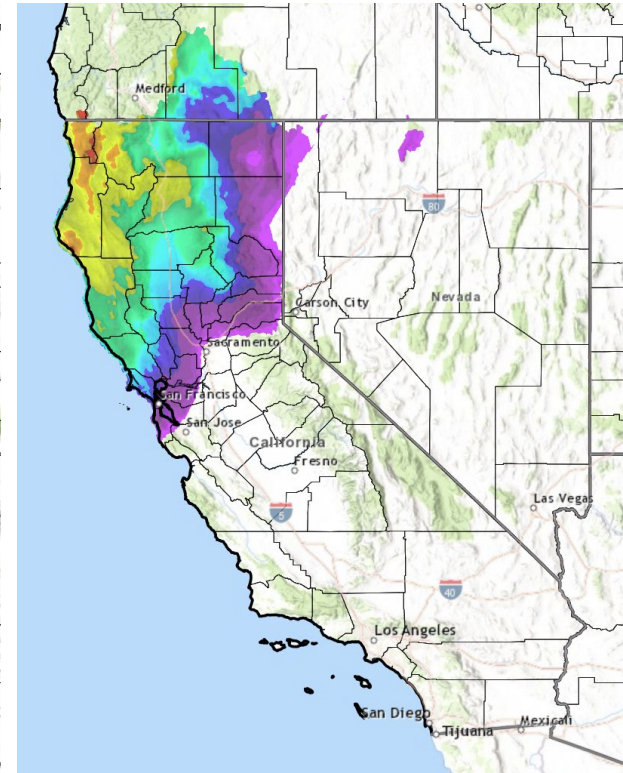
12/09/21 - 12/11/21



Thursday



Friday



Saturday

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

**Precipitation (inches)**



# **WEATHER OUTLOOK**

**12/14/21 - 12/22/21**

## **6-10 Day Outlook (December 14 – December 18)**

### **Temperatures**

- Below normal temperatures are favored statewide

### **Precipitation**

- Above normal precipitation is favored for the majority of the state

## **8-14 Day Outlook (December 16 – December 22)**

### **Temperatures**

- Below normal temperatures are favored to continue statewide

### **Precipitation**

- Above normal precipitation is again favored for much of the state



Information provided by:

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